

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	8	((("6,410,944") or ("6,194,743") or ("5,733,796") or ("5,563,422") or ("5,306,662") or ("5,290,393") or ("5,247,533") or ("5,122,845"))). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/22 15:19
S2	1370	(257/77,85).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/09 13:18
S3	741	S2 and (SiC or SiCN or CN)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 16:31
S4	28	S2 and ((SiC or SiCN or CN) with (contact adj layer))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 15:41
S5	21	S2 and nitride and ((SiC or SiCN or CN) with (contact adj layer))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 16:03
S6	1360	(257/E33.025,E33.028,E33.03, E33.033).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/28 08:11
S7	44	S6 and nitride and ((SiC or SiCN or CN) with (contact adj layer))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 16:33
S8	41	S7 not S5	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 16:04
S9	5	nitride and ((SiCN or CN) with (contact adj layer))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 16:23
S10	1	nitride and ((SiCN or CN) with (contact adj electrode))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 16:24
S11	1090	nitride with (SiCN or CN)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 16:24
S12	28	nitride with (SiCN or CN) with contact	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 16:24
S13	29	S6 and (SiCN or CN)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 16:35
S14	3	S6 and ((silicon adj carbonitride) or (carbon adj nitride))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 16:37

## EAST Search History

S15	3913	(SiCN or CN) with contact	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/27 12:39
S16	75	SiCN with contact	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 16:38
S17	1	JP-10084159-\$.did.	DERWENT	OR	ON	2007/06/28 08:09
S18	1	JP-10065212-\$.did.	DERWENT	OR	ON	2007/06/28 08:09
S19	1370	(257/E33.025,E33.028,E33.03, E33.033).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/28 08:11
S20	382	S19 and (contact adj resistance)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/28 08:15
S21	293	S20 and (contact adj layer)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/28 08:12
S22	192	S21 and (SiC or (silicon adj carbide))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/28 08:12
S23	16	S20 and ((contact adj layer) with (SiC or (silicon adj carbide)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/28 08:37
S24	65	S19 and ((contact adj layer) with (SiC or (silicon adj carbide)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/28 09:02
S25	92	(SiC or (silicon adj carbide)) with (contact adj layer) with light	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/28 11:42
S26	1	("20040159843").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/28 09:24
S27	1	S26 and SiC	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/28 10:21
S28	24	inverted adj light adj emitting	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/28 10:21
S29	11	S28 and (SiC or (silicon adj carbide))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/28 10:29
S30	17	(SiC or (silicon adj carbide)) with (contact adj layer) with light	EPO; JPO; DERWENT	OR	ON	2007/06/28 10:42
S31	1	((carbon adj nitride) or (silicon adj carbon adj nitride)) with (contact adj layer)	EPO; JPO; DERWENT	OR	ON	2007/06/28 10:41

## EAST Search History

S32	62	(SiC or (silicon adj carbide)) with (contact adj layer) not S30	EPO; JPO; DERWENT	OR	ON	2007/06/28 10:42
S33	349	(SiC or (silicon adj carbide)) with (contact adj layer)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/28 11:43
S34	257	S33 not S25	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/28 12:50
S35	1	("6759683").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/28 13:16
S36	141	(SiC or (silicon adj carbide)) with (contact adj layer) with (n-type or p-type)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/28 13:17
S37	124	S36 and nitride	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/28 13:17
S38	77	S36 and (nitride with light)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/28 13:17
S39	4	("5804834"   "6046464"   "6238945").PN. OR ("6410944").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/09 13:05
S40	1	("20010042860").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/09 13:05
S41	1375	(257/77,85).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/09 13:18
S42	249	S41 and (contact adj layer)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/09 13:18
S43	141	S42 and nitride	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/09 13:38
S44	105	S43 and (SiC or SiCN or CN)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/09 13:38
S45	3931	(SiCN or CN) with contact	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/27 14:58
S46	6	S45 and (light adj emitting adj device)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/27 12:42
S47	45	(carbon adj nitride) with contact	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/27 13:40

## EAST Search History

S48	101	(carbon adj nitride) with electrode	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/27 13:01
S49	84	S48 not S47	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/27 13:01
S50	48	(carbon adj nitride) with light	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/27 13:40
S51	41	S50 not S47 not S48	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/27 13:52
S52	4852	(SiC or (silicon adj carbide)) with (contact or (current adj spread\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/27 15:21
S53	951	S52 and (LED or (light adj emitting))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/27 13:54
S54	534	S53 and nitride	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/27 13:56
S55	5769	edmond.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/27 15:02
S56	152	S55 and (SiC or (silicon adj carbide))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/27 15:02
S57	133	S56 and contact	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/27 13:56
S58	0	(SiCN or CN) with (current adj spread\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/27 15:00
S59	64	(SiCN or CN) and (current adj spread\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/27 15:00
S60	121	"edmond, john".in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/27 15:02
S61	98	S60 and (SiC or (silicon adj carbide))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/27 15:05
S62	2	S60 and (CN or (carbon adj nitride))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/27 15:05

## EAST Search History

S63	3901	(CN or (carbon adj nitride)) with (contact or (current adj spread\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/27 15:22
S64	45	(carbon adj nitride) with (contact or (current adj spread\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/27 15:22
S67	824	(ITO or (indium adj tin adj oxide)) with p-type	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/29 16:25
S68	388	S67 and (LED or (light adj emitting adj device))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/29 16:44
S69	1	("20020179918").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/29 16:44
S70	3	("2002/0179918").URPN.	USPAT	OR	ON	2007/07/29 17:15
S71	1	(carbon adj nitride) with (tunneling or tunnelling or reverse\$tunneling or reverse\$tunnelling)	USPAT	OR	ON	2007/07/29 17:17
S72	1355	contact with (tunneling or tunnelling or reverse\$tunneling or reverse\$tunnelling)	USPAT	OR	ON	2007/07/29 17:17
S73	2	contact with (reverse\$tunneling or reverse\$tunnelling)	USPAT	OR	ON	2007/07/29 17:18
S74	862	carbon adj nitride	USPAT	OR	ON	2007/07/29 17:21
S75	21	S74 with contact	USPAT	OR	ON	2007/07/29 17:20
S76	0	S74 with (current adj spread\$3)	USPAT	OR	ON	2007/07/29 17:21
S78	57	S74 and LED	USPAT	OR	ON	2007/07/29 17:23
S79	346	S74 and light	USPAT	OR	ON	2007/07/29 17:23
S80	65	S74 and (light adj emitting)	USPAT	OR	ON	2007/07/29 17:24
S81	35	S74 and (light adj emitting adj device)	USPAT	OR	ON	2007/07/29 17:24
S82	3	(carbon adj nitride) with (hole with injecti\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/30 07:27
S83	10	(carbon adj nitride) with hole	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/30 07:27